

WHAT IS CLAIMED IS:

- 1 1. A method of retrieving information comprising:
 - 2 assigning concept labels to documents contained in a
 - 3 collection;
 - 4 receiving a query;
 - 5 converting the query to a query concept; and
 - 6 mapping the query concept to a concept label.
- 1 2. The method of claim 1 in which assigning comprises

2 parsing the documents automatically with a grammar.
- 1 3. The method of claim 1 in which the concept label

2 represents a general notion.
- 1 4. The method of claim 1 in which the query is a text query

2 received from a user.
- 1 5. The method of claim 1 in which assigning comprises:
 - 2 spidering the collection;
 - 3 matching features contained in each of the documents to a
 - 4 store of concepts; and
 - 5 storing document location indicators for each matched
 - 6 concept.
- 1 6. The method of claim 5 in which the documents are

2 HyperText Markup Language (HTML) files.
- 1 7. The method of claim 6 in which the document location

2 indicators are Universal Resource Identifiers (URLs).
- 1 8. The method of claim 1 in which converting comprises

2 applying a store of grammar rules to the query.

1 9. The method of claim 8 in which the grammar rules map text
2 to concepts.

1 10. The method of claim 1 further comprises generating a list
2 of the mapping.

1 11. The method of claim 10 in which the list represents
2 locations of documents.

1 12. The method of claim 11 in which the locations are
2 Universal Resource Identifiers (URLs).

1 13. A method of document retrieval comprising:
2 assigning concept labels to documents contained in a
3 collection according to grammar rules;
4 receiving a query;
5 converting the query to a query concept using the grammar
6 rules; and
7 mapping the query concept to a concept label.

1 14. The method of claim 13 in which assigning comprises
2 parsing the documents automatically with the grammar rules.

3 15. The method of claim 13 in which the query is received
4 from a user.

1 16. The method of claim 15 further comprising:
2 generating a list of the mapped query concepts; and
3 displaying the list to the user on an input/output
4 device.

1 17. A computer program residing on a computer-readable medium
2 comprising instructions for causing a processor to:
3 assign concept labels to documents contained in a
4 collection;

5 receive a query;
6 convert the query to a query concept; and
7 map the query concept to a concept label.

1 18. The computer program of claim 17 further comprising
2 instructions for causing the processor to:
3 generate a list of the map.

1 19. A computer program residing on a computer-readable medium
2 comprising instructions for causing a processor to:

3 assign concept labels to documents contained in a
4 collection according to grammar rules;
5 receive a query;
6 convert the query to a query concept using the grammar
7 rules; and
8 map the query concept to a concept label.

1 20. The computer program of claim 19 further comprising
2 instructions for causing the processor to:

3 generate a list of the mapped query concepts; and
4 display the list to a user on an input/output device.